

Form PTO-1449 (Modified)
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ATTY. DOCKET NO.

SERIAL NO.

0254-094-CIP4-C1

10/814,530

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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APPLICANT

Rapport, et al

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3/31/04

GROUP 2822

U.S. PATENT DOCUMENTS

*Examiner Initial	Patent Number		Patentee	Class	Subclass	Filing Date (if appropriate)
TYT	5,428,190	6/27/1995	Stopperan	174/261		7/2/1993
	6,097,087	8/1/2000	Farnworth, Warren M. et al	257/698		10/31/1997
	6,323,060B1	11/27/2001	Isaak	438/109		5/5/1999
	6,351,029B1	2/26/2002	Isaak	257/688		5/19/2000
	6,368,896B2	4/9/2002	Farnworth, Warren M. et al	438/113		4/23/1999
	6,410,857B1	6/25/2002	Gonya	174/254		8/13/2001
	6,426,240B2	7/30/2002	Isaak	438/106		6/25/2001
	6,426,549B1	7/30/2002	Isaak, Harlan R.	257/686		11/3/2000
	6,444,921B1	9/3/2002	Wang, et al	174/260		2/3/2000
	6,465,877B1	10/15/2002	Farnworth, Warren M. et al	257/668		3/27/2000
	6,514,793B2	2/4/2003	Isaak	438/109		2/4/2003

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
TYT	58-96756(A)	06/08/1983	Japan	—	—	Partial	
	58-112348(A)	07/04/1983	Japan	—	—	Partial	
	60-254762	12/1985	Japan	—	—	Partial	
	EP 0 298 211 A#	01/11/1989	European	—	—	X	

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TYT	Dense-Pac Microsystems, Breaking Space Barriers, 3-D Technology 1993
TYT	Dense-Pac Microsystems, DPS512X16A3, Ceramic 512K X 16 CMOS SRAM Module
TYT	"Design Techniques for Ball Grid Arrays," William R. Newberry, Xynetix Design Systems, Inc.

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TYT	6,262,895 B1	7/17/2001	Forthum, John A.	361/749		1/13/2000
	5,239,198	8/24/1993	Lin et al.	257/693		7/2/1992
	6,028,365	2/22/2000	Akram et al.	257/778		3/30/1998
	6,433,418	8/13/2002	Fujisawa et al.	257/696		4/29/1999
	6,208,521 B1	3/27/2001	Nakatsuka, Yasuo	361/749		5/19/1998
	6,265,660 B1	7/24/2001	Tandy, Patrick W.	174/52.4		8/18/2000
	6,300,679 B1	10/9/2001	Mukerji et al.	257/738		6/1/1998
	6,462,412 B2	10/8/2002	Kamei et al	257/723		1/17/2001
	6,465,893 B1	10/15/2002	Khandros et al.	257/777		10/19/2000
	6,486,544 B1	11/26/2002	Hashimoto, Nobuaki	257/686		9/3/1999
	6,560,117 B2	5/6/2003	Moon, Ow Chee	361/749		8/30/2001
	6,590,282 B1	7/8/2003	Wang et al.	257/686		4/12/2002
	6,600,222 B1	7/29/2003	Levardo, Melvin N.	257/686		7/17/2002

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						Yes	No
TYT	62-230027(A)	10/08/1987	Japan			Partial	

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TYT	"Chip Scale Packaging and Redistribution," Paul A. Magill, Glenn A. Rinne, J. Daniel Mis, Wayne C. Machon, Joseph W. Baggs, Unitive Electronics Inc.
TYT	"3D Interconnection for Ultra-Dense Multichip Modules," Christian VAL, Thomson-CSF DCS Computer Division, Thierry Lemoine, Thomson-CSF RCM Radar Countermeasures Division
TYT	"High Density Memory Packaging Technology High Speed Imaging Applications," Dean Frew, Texas Instruments Incorporated
TYT	Teresa Technologies, Inc. - Semiconductor Intellectual Property, Chip Scale Packaging - Website pages (3)

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TTT	6,473,308B2	10/29/2002	Forthun	361/749		04/19/2001
	US2002/0006032A1	01/17/2002	Karabatsos	361/760		01/11/2001
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	4,513,368	04/23/1985	Houseman	364/200		05/22/1981
	4,645,944	02/24/1987	Uya	307/243		09/04/1984
	4,733,461	03/29/1988	Nakano	29/830		12/24/1985
	4,862,249	08/29/1989	Carlson	357/80		04/17/1987
	4,891,789	01/02/1990	Quattrini, et al	365/63		03/03/1988
	5,261,068	11/09/1993	Gaskins, et al.	395/425		05/25/1990
	5,543,664	08/06/1996	Bums	257/787		01/20/1995
	5,566,051	10/15/1996	Bums	361/704		08/30/1994
	5,953,215	09/14/1999	Karabatsos	361/767		06/26/1998
	6,266,252B1	07/24/2001	Karabatsos	361/788		09/13/1999
	6,233,650B1	05/15/2001	Johnson et al.	711/5		04/01/1998
	6,446,158B1	09/03/2002	Karabatsos	711/5		05/17/2000

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					Yes	No

OTHER DOCUMENTS

(INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

TTT	"Tessera Introduces uZ™ - Ball Stacked Memory Package for Computing and Portable Electronic Products" Joyce Smaragdis, Tessera Public Relations; 2 figures that purport to be directed to the uZ™ - Ball Stacked Memory Package.
TTT	Ron Bauer, Intel. "Stacked-CSP Delivers Flexibility, Reliability, and Space-Saving Capabilities", Spring 2002.
TTT	Tessera uZ Ball Stack Package. 4 figures that purport to be directed to the uZ - Ball Stacked Memory, 1 Page.
TTT	"Vertically-Integrated Package," Alvin Weinberg, Pacesetter, Inc. and W. Kinzy Jones, Florida International University

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TYT	6,620,651B2	9/16/2003	He et al.	438/113		10/23/2001
	US2002/0139577A1	10/3/2002	Miller, Charles A.	174/261		3/27/2001
	US2002/0164838A1	Nov-02	Moon et al.	438/107		6/5/2001
	US2002/0180022A1	12/5/2002	Emoto, Yoshiaki	257/686		7/19/2002
	6,072,233	6/6/2000	Corisis et al.	257/686		5/4/1998
	3,436,604	04/01/1969	Hyltin	317/101		04/25/1966
	3,746,934	07/17/1973	Stein	317/101		05/06/1971
	3,772,776	11/20/1973	Weisenburger	29/628		12/03/1969
	4,288,841	09/08/1981	Gogal	361/414		09/20/1979
	4,696,525	09/29/1987	Coller, et al	439/69		12/13/1985
	4,823,234	04/18/1989	Konishi, et al	361/386		07/01/1986
	4,833,568	05/23/1989	Berhold	361/383		01/29/1988
	4,911,643	03/27/1990	Perry, et al	439/67		08/03/1989
	4,953,060	08/28/1990	Lauffer, et al	361/388		05/05/1989
	4,956,694	09/11/1990	Eide	357/74		11/04/1988
✓	4,983,533	01/08/1991	Go	437/7		10/28/1987

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TYT	Dense-Pac Microsystems, 256 Megabyte CMOS DRAM DP3ED32MS72RW5
TYT	IBM Preliminary 168 Pin SDRAM Registered DIMM Functional Description & Timing Diagrams

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THT	5,041,015	08/20/1991	Travis	439/492		03/30/1990
	5,099,393	03/24/1992	Bentlage, et al	361/413		03/25/1991
	5,138,430	08/11/1992	Gow, 3 rd , et al	357/70		06/06/1991
	5,159,434	10/27/1992	Kohn, et al	357/80		02/01/1991
	5,222,014	06/22/1993	Lin	361/414		03/02/1992
	5,224,023	06/29/1993	Smith, et al.	361/412		02/10/1992
	5,241,454	08/31/1993	Ameen, et al	361/744		01/22/1992
	5,247,423	09/21/1993	Lin, et al	361/719		05/26/1992
	5,259,770	11/09/1993	Bates, et al	439/66		03/19/1992
	5,281,852	01/25/1994	Normington	257/685		12/10/1991
	5,313,097	05/17/1994	Haj-Ali-Ahmadi, et al	257/706		11/16/1992
	5,375,041	12/20/1994	McMahon	361/749		12/02/1992
	5,484,959	01/16/1996	Burns	174/524		12/11/1992
	5,572,065	11/05/1996	Burns	257/666		10/24/1994
	5,612,570	03/18/1997	Eide, et al	257/686		04/13/1995
	5,644,161	07/01/1997	Burns	257/668		06/07/1995
	5,776,797	07/07/1998	Nicewarner, Jr., et al	438/107		07/02/1997
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TYT	5,778,552	7/14/1998	LeGuin	33/559		5/8/1996
	5,805,422	09/08/1998	Otake, et al	361/749		08/15/1997
	5,869,353	02/09/1999	Levy, et al	438/109		11/17/1997
	5,926,369	07/20/1999	Ingraham, et al	361/699		01/22/1998
	5,949,657	09/07/1999	Karabatsos	361/803		08/25/1998
	6,014,316	01/11/2000	Eide	361/735		6/10/1998
	6,172,874B1	01/09/2001	Bartilson	361/719		04/06/1998
	6,208,521B1	3/27/2001	Nakatsuka	361/749		5/19/1998
	6,225,688B1	05/01/2001	Kim et al.	257/686		02/04/1999
	6,281,577B1	08/28/2001	Oppermann et al.	257/724		04/22/1997
	6,392,162B1	05/21/2002	Karabatsos	174/261		11/10/2000

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